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	L #	Hits	Search Text	DBs	Time Stamp
1	L1	598	(printing adj plate\$1) and colloid\$1 and (cyanine or (carbon adj black) or photothermal or infrared or ir) and (hydrophilic with (resin\$1 binder\$1 polymer\$1))	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 05:25
2	L2	227	1 and ((substrate support base) with (ink oleophilic hydrophobic melanophilic))	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 05:26
3	L3	223	2 and (430/\$.ccls. 101/\$.ccls.)	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 05:27
4	L4	75	3 and (colloid with (silica oxide hydroxide beryllium magnesium aluminum silicon titanium boron germanium tin zirconium iron vanadium antimony))	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:07
5	L6	55	4 not silver.ab.	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:18
6	L14	395	kita-nobuyuk\$.in. akiyama-keiji\$.in. oohashi-hidekazu\$.in.	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:24

	L #	Hits	Search Text	DBs	Time Stamp
7	L15	4	14 and 4	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:24
8	L16	5	14 and 3	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:24
9	L17	8	14 and 1	USPAT; US-PGP UB; EPO; JPO; DERW ENT	2002/02/28 06:24

CLIPPEDIMAGE= JP02001080226A

PAT-NO: JP02001080226A

DOCUMENT-IDENTIFIER: JP 2001080226 A

TITLE: ORIGINAL PLATE FOR HEAT-SENSITIVE LITHOGRAPHIC **PRINTING PLATE**

PUBN-DATE: March 27, 2001


INVENTOR-INFORMATION:

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N/A

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NAME	COUNTRY
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INT-CL\_(IPC): B41N001/14; G03F007/004 ; G03F007/038

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain an original plate for a heat-sensitive lithographic **printing plate** capable of printing by directly mounting in a printer without developing after exposure and having an excellent plate life and scarce occurrence of scumming.

SOLUTION: The original plate for a heat-sensitive lithographic **printing plate** **comprises a hydrophilic** layer containing (1) **colloid** of an oxide or hydroxide of at least one element selected from a beryllium, magnesium, aluminum, silicon, titanium, boron, germanium, tin, zirconium, iron, vanadium, antimony and transition metals, (2) a **hydrophilic resin** and (3) a **photothermal** conversion agent on a **base** plate having an **ink** receiving surface or coated with an **ink** receiving layer.

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